Rush

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB# 110996

Requester's Full Name: _Cheukfan lee_ Examiner # : _70773_ Date: _12-24-03_

Art Unit: _2622_ Phone Number 30 _5-4867_ Serial Number: _08/669,056_

Mail Box and Bldg/Room Location: _CPK-1, 4837_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

a pc as a Scanner.

Title of Invention: _Interface Circuit for Utilizing a Facsimile Coupled to_

Inventors (please provide full names): _Bruce Nacman_

Earliest Priority Filing Date: _CIP filing date 6-24-96_

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

12-24-03 P05:18 IN

****

PTO-1590 (8-01)

STIC Database Tracking Number: 110996

TO: cheukfan lee
Location: CPK1-4B37
Art Unit : 2622
Wednesday, December 24, 2003

Case Serial Number: 08/669056

From: Vamshi Kalakuntla
Location: EIC 2600
PK2-3C03
Phone: 306-0254

Vamshi.kalakuntla@uspto.gov

Search Notes

Dear cheukfan lee;

Attached please find the results of your search request 08/669056.
I searched the standard Patent Bibliographic Dialog files.

If you would like a re-focus please let me know.
Please feel free to contact me if you have questions or concerns. Thank you and have a great day.

Please take a moment and fill out the attached feedback form. Thank you.

? ds

Set	Items	Description
S1	232407	FACSIMILE OR FAX
S2	736056	PC OR COMPUTER OR WORKSTATION OR WORK()STATION OR DESKTOP - OR LAPTOP OR (TERMINAL OR NODE)(3N)NETWORK
S3	475257	PASSIVE OR DIRECT OR DEVOT? OR DEDICAT? OR COMMIT? OR STRA-IGHT
S4	109174	DIGITAL()(DATA OR SIGNAL? ?)
S5	1661	DIGITAL()INTERFACE
S6	576	S1 AND S2 AND S3
S7	0	S6 AND S5
S8	20	S6 AND S4
S9	20	IDPAT (sorted in duplicate/non-duplicate order)
S10	20	IDPAT (primary/non-duplicate records only)
S11	15	S10 NOT PD=19960624:20000624
S12	11	S11 NOT PD=20000624:20031224
S13	4	S1(5N)S5
S14	0	S13 AND S2
S15	3280195	LINK OR LINKS OR LINKED OR CONNECTED OR JOIN OR JOINS OR J-OINED OR COUPLED
S16	16610	S15(5N)S3
S17	8411	S1(10N)S2
S18	8	S16 AND S17
S19	4457984	TRANSMI? OR SEND OR SENDS OR SENDING OR DELIVER? OR COMMUN? OR ACCESS? OR RECEIV? OR RELAY? OR FORWARD
S20	22770	S19(5N)S4
S21	52	S17 AND S20
S22	32	S21 NOT PD=19960624:20000624
S23	10	S22 NOT PD=20000624:20031224
S24	0	S23 AND S18
S25	386	(MODEM OR MODULATOR()DEMODULATOR)(5N)(INTERNAL? OR INSIDE - OR WITHIN OR WITH()IN)
S26	15	S25(5N)S1
S27	15	S26 NOT (S12 OR S13 OR S18 OR S23)
S28	15	IDPAT (sorted in duplicate/non-duplicate order)
S29	5	S28 NOT PD=19960624:20000624
S30	3	S29 NOT PD=20000624:20031224

12/3,K/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04130764   **Image available**
DYNAMIC CHARACTERISTIC EVALUATION DEVICE FOR MOBILE BODY

...JAPIO CLASS: **Facsimile**); 45.4 (INFORMATION PROCESSING...

... **Computer** Applications)

                        ABSTRACT
... fiber, and the processing and evaluation of dynamic character data can
be performed by a **direct** measuring method using a CCD...
...signal converted at the CCD 6, after being amplified by an amplifier, is
set as **digital** **data** by an A/D converter 9. The data is stored in memory
10 via a...

...controller, and furthermore, it is sent to the data processing part such
as a personal **computer**   11, etc., then, it is evaluated and analyzed.
Thereby, it is possible to comprise the...

13/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012282169   **Image available**
WPI Acc No: 1999-088275/199908
XRPX Acc No: N99-064656
   Portable facsimile - includes communication channel through which data
   are forwarded from forwarding unit to other equipments
Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10322509   A   19981204 JP 97143381   A   19970516 199908 B

Priority Applications (No Type Date): JP 97143381 A 19970516
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10322509   A   8 H04N-001/00

   ...Abstract (Basic): The **facsimile** includes a **digital   interface** (101)
      to receive electronic mail data from a server through a communication
      circuit. The received...

13/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011014992   **Image available**
WPI Acc No: 1996-511942/199651
XRPX Acc No: N96-431767
   Multimedia appts. for e.g. audio data, musical instruments digital
   interface **data, character data used in** facsimile **- has transmitting
   unit which transmits individual information of every multimedia to other
   addresses of memory based on correlation information provided by research
   and data processor**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8265459   A   19961011 JP 9590364   A   19950323 199651 B

Priority Applications (No Type Date): JP 9590364 A 19950323
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 8265459   A   11 H04M-011/08

   Multimedia appts. for e.g. audio data, musical instruments digital
   interface **data, character data used in** facsimile -

13/3,K/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

008949275
WPI Acc No: 1992-076544/199210
XRPX Acc No: N92-057391

High speed data transmission system - having analog interface, signal
transmit-receive controller, digital   interface and memory to connect
facsimile   **NoAbstract Dwg 1/4**
Patent Assignee: MITSUBISHI DENKI KK (MITQ   )
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 4021237	A	19920124	JP 90126113	A	19900516	199210	B

Priority Applications (No Type Date): JP 90126113 A 19900516

... **having analog interface, signal transmit-receive controller,** digital
interface **and memory to connect** facsimile   **NoAbstract Dwg 1/4**

13/3,K/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

008242489   **Image available**
WPI Acc No: 1990-129490/199017
Facsimile **terminal equipment with** digital   interface - **determines
equipment type at destination terminal connected to ISDN for
communication NoAbstract Dwg 1/3**
Patent Assignee: MURATA MACHINERY LTD (MURK   )
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2079661	A	19900320	JP 88232824	A	19880916	199017	B

Priority Applications (No Type Date): JP 88232824 A 19880916

Facsimile **terminal equipment with** digital   interface -

18/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04266142   **Image available**
MESSAGE LOG INFORMATION TRANSFER SYSTEM

PUB. NO.:   05-257842 [JP 5257842 A]
PUBLISHED: October 08, 1993 (19931008)
INVENTOR(s):   NISHIMURA SHOICHI
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   04-054772 [JP 9254772]
FILED: March 13, 1992 (19920313)
JOURNAL: Section: P, Section No. 1675, Vol. 18, No. 24, Pg. 45,
                 January 14, 1994 (19940114)

                              ABSTRACT
...CONSTITUTION: **Facsimile** equipment 1 and the host **computer** 2 are
installed at a distance from each other and connected by a telephone line
6. When there is a request for message log information transfer from the
 facsimile equipment 1 to the host **computer** 2, the message log
information processing part 3, after checking access information on the
facsimile...
... 5 edits information in a message log file 4 and transfers the
information to the **facsimile** equipment 1. Therefore, the message log
information of the host **computer** 2 is obtained at a place where a
 dedicated terminal device **connected** to the host computer 2 is not
installed to prevent the illegal access to the...

18/3,K/2   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015493409   **Image available**
WPI Acc No: 2003-555556/200352
XRPX Acc No: N03-441250
   Photo- direct **printer** connected **to digital camera, invalidates input
   of image data from personal computer card and user operation on
   operational panel, when digital camera is connected to printer**
Patent Assignee: CANON KK (CANO); TANAKA T (TANA-I)
Inventor: TANAKA T
Number of Countries: 035 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030063148	A1	20030403	US 2002254506	A	20020926	200352	B
CA 2406351	A1	20030401	CA 2406351	A	20021001	200352	
CN 1412717	A	20030423	CN 2002144215	A	20020929	200352	
EP 1301020	A2	20030409	EP 200221992	A	20020930	200352	
JP 2003103883	A	20030409	JP 2001305697	A	20011001	200352	
KR 2003028411	A	20030408	KR 200259084	A	20020928	200353	

Priority Applications (No Type Date): JP 2001305697 A 20011001
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030063148	A1		19	B41J-029/38	
CA 2406351	A1	E		G06F-003/12	
CN 1412717	A			G06K-015/02	

EP 1301020   A2 E   H04N-001/00
    Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
    GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
JP 2003103883 A   12 B41J-029/38
KR 2003028411 A   G06F-003/12

    Photo- direct **printer** connected **to digital camera, invalidates input**
    of image data from personal computer card and user operation...

Abstract (Basic):
    ...   Photo- **direct** (PD) printer **connected** to digital camera, PC,
    memory card e.g. compact flash memory, smart media and memory stick.
    Also connected to host **computer** , interface device, reader, copier,
    facsimile .
        ...

...The figure shows a perspective view of the photo- **direct** .printer
    connected to digital camera

   18/3,K/3   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014241094   **Image available**
WPI Acc No: 2002-061794/200208
XRPX Acc No: N02-045898
    Telecommunication device e.g. telephone, initiates communication with
    preferred call destination using routing data transmitted by control
    center in response to input telephone number
Patent Assignee: PATHFINDER TECH RESOURCES LTD (PATH-N); DE BEER L (DBEE-I)
Inventor: DE BEER L
Number of Countries: 096 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200169896	A1	20010920	WO 2001GB1111	A	20010314	200208	B
AU 200140824	A	20010924	AU 200140824	A	20010314	200208	
GB 2365259	A	20020213	GB 20016272	A	20010314	200214	
EP 1264467	A1	20021211	EP 2001911902	A	20010314	200301	
			WO 2001GB1111	A	20010314		
US 20030165227	A1	20030904	WO 2001GB1111	A	20010314	200359	
			US 2003221485	A	20030320		

Priority Applications (No Type Date): GB 20006292 A 20000315
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200169896	A1	E	69	H04M-001/27	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH .CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
    JP KE KG KP· KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
    PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200140824	A			H04M-001/27	Based on patent WO 200169896
GB 2365259	A			·H04M-015/30	
EP 1264467	A1	E		H04M-001/27	Based on patent WO 200169896

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI TR

US 20030165227	A1		H04M-007/00

Abstract (Basic):
...   Telecommunication devices such as telephone, **facsimile** ,
    computer apparatus equipped with modem, private branch exchange or
    routing device for communicating with call destination...

...Direct communication is made possible by eliminating the unnecessary
    paths and having a **direct** **link** between the control center and the
    device. An up-to-date database is maintained by...

 18/3,K/4   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012347065   **Image available**
WPI Acc No: 1999-153172/199913
Related WPI Acc No: 1996-497818; 2002-380818
XRPX Acc No: N99-110445
    **Message storage and delivery system - detects type of call and stores
    message signal in database and has hypertext transfer protocol deamon to
    retrieve user requests**
Patent Assignee: NETOFFICE SOLUTIONS LLC (NETO-N); BOBO C R (BOBO-I)
Inventor: BOBO C R
Number of Countries: 084 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5870549	A	19990209	US 95431716	A	19950428	199913	B
			US 97944741	A	19971006		
WO 9918716	A1	19990415	WO 98US20732	A	19981002	199922	
AU 9896793	A	19990427	AU 9896793	A	19981002	199936	
EP 1034651	A1	20000913	EP 98950859	A	19981002	200046	
			WO 98US20732	A	19981002		
JP 2001519624	W	20011023	WO 98US20732	A	19981002	200202	
			JP 2000515377	A	19981002		
AU 755321	B	20021212	AU 9896793	A	19981002	200305	

Priority Applications (No Type Date): US 97944741 A 19971006; US 95431716 A
    19950428
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5870549	A		33	H04N-001/413	CIP of application US 95431716
					CIP of patent US 5675507
WO 9918716	A1	E		H04N-001/413	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
    TM TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

| AU 9896793 | A | | | H04N-001/413 | Based on patent WO 9918716 |
| EP 1034651 | A1 | E | | H04N-001/413 | Based on patent WO 9918716 |

    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE

JP 2001519624	W		130	H04L-012/54	Based on patent WO 9918716
AU 755321	B			H04N-001/413	Previous Publ. patent AU 9896793
					Based on.patent WO 9918716

...Abstract (Basic): The system (10) is **connected** by a **direct** inward
    dialling trunk (DID)(15) with a central office (20). An address signal
    indicates the telephone number being called. The central office is
    connected to a **facsimile** (24), telephone (26) **computer** (28) or

local area network, each connection is through a separate telephone and
the system...

18/3,K/5   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010057575   **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474
   Connecting portable personal computer and facsimile appts. to provide
    direct communication link - using PC to generate network
   hand-shaking procedures for making connection with facsimile
Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)
Inventor: SIMON W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 4312136   A1   19941020 DE 4312136   A   19930414 199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
DE 4312136   A1   4 G06F-003/12

   Connecting portable personal computer and facsimile appts. to provide
    direct communication link - ...
...using PC to generate network hand-shaking procedures for making
   connection with facsimile

...Abstract (Basic): A communication link is established between a personal
      computer and a facsimile copier without involving additional
     network considerations. The PC system has built-in network specific
     hardware and software procedures that allow a direct connection...

...The system also allows a direct connection between a PC and a copier
    without involving the communication network. The FAX copier can serve
    as a printer for lap-top computers...

...USE/ADVANTAGE - Provides direct link between lap-top personal
    computer and facsimile copier to be used as printer...

18/3,K/6   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009828994   **Image available**
WPI Acc No: 1994-108850/199413
Related WPI Acc No: 1991-295745; 1997-191714
XRPX Acc No: N94-085056
   Electronic locking system for securing office equipment e.g. facsimile ,
    printer or computer to desk - has magnet concealed within security
    device to activate electronic key, with key being electromagnetically
    coupled to passive locking units
Patent Assignee: MARDESICH ENTERPRISES INC (MARD-N)
Inventor: SPITZER J C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5299436	A	19940405	US 90492737	A	19900313	199413	B
			US 91781011	A	19911018		

Priority Applications (No Type Date): US 91781011 A 19911018; US 90492737 A
   19900313
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5299436	A		21	E05B-073/00	CIP of application US 90492737
					CIP of patent US 5085395

   Electronic locking system for securing office equipment e.g. facsimile ,
   printer or computer to desk...

   ...has magnet concealed within security device to activate electronic key,
   with key being electromagnetically coupled to passive locking units

   18/3,K/7   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009705913   **Image available**
WPI Acc No: 1993-399466/199350
XRPX Acc No: N94-085931
  Video processor for use in printing appts. for e.g. facsimile ,
   computer output - has programmable direct memory access appts.
   coupled with input buffer, and decoupled relative to second bus and
   programmed for transfer of image data to predesignated addresses
Patent Assignee: XEROX CORP (XERO)
Inventor: RIVSHIN I
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 5300289	A	19931112	JP 92286422	A	19921023	199350	B
US 5303341	A	19940412	US 91784481	A	19911029	199414	
JP 3176150	B2	20010611	JP 92286422	A	19921023	200135	

Priority Applications (No Type Date): US 91784481 A 19911029
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5300289	A		19	H04N-001/00	
US 5303341	A		24	G06F-015/20	
JP 3176150	B2		19	H04N-001/00	Previous Publ. patent JP 5300289

   Video processor for use in printing appts. for e.g. facsimile ,
   computer output...

   ...has programmable direct memory access appts. coupled with input
   buffer, and decoupled relative to second bus and programmed for transfer
   of image...

   18/3,K/8   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

004218419
WPI Acc No: 1985-045299/198508
XRPX Acc No: N85-033733

Facsimile transceiver with three couplers - allows external devices like scrambler and protocol converter to be coupled in besides dedicated and public telephone lines

Patent Assignee: RICOH KK (RICO)
Inventor: ISHIKAWA H S; NASHIMOTO C K
Number of Countries: 002   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3420331	A	19850214	DE 3420331	A	19840530	198508	B
JP 59221154	A	19841212				198508	
DE 3420331	C	19880114				198802	

Priority Applications (No Type Date): JP 8396680 A 19830531
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3420331	A		20		

... allows external devices like scrambler and protocol converter to be coupled in besides dedicated and public telephone lines

...Abstract (Basic): sent and received via the first two couplers. The second coupler is connected to a computer or to another facsimile transceiver...

23/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05156237   **Image available**
SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING**
METHOD FOR SECURE **DIGITAL** **DATA**

PUB. NO.:   08-111737 [JP 8111737 A]
PUBLISHED: April 30, 1996 (19960430)
INVENTOR(s):   JIEIMUSU ESU HAI
                KUMAA ENU KUMARAPAN
APPLICANT(s):   RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   07-219361 [JP 95219361]
FILED: August 29, 1995 (19950829)
PRIORITY: 7-319,156 [US 319156-1994], US (United States of America),
                October 06, 1994 (19941006)

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING**
METHOD FOR SECURE **DIGITAL** **DATA**

                            ABSTRACT
PURPOSE: To make a secure communication from a personal **computer** (PC) to
a secure **facsimile** (**FAX**) equipment through a secure **facsimile**
network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204
using standard **FAX** software, a synchronous digital data interface 210
which connects the PC 100 to the SFN 204, a secure **FAX** protocol stack
212 which temporarily stores sequential data for **transmission** and
reception through the synchronous **digital** **data** interface 210, and a
protocol selector 214 which determines a protocol mode for transfer from...

23/3,K/2   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03574963   **Image available**
INFORMATION PROCESSING UNIT

PUB. NO.:   03-237863 [JP 3237863 A]
PUBLISHED: October 23, 1991 (19911023)
INVENTOR(s):   MAKITA TOSHIYUKI
APPLICANT(s):   CANON INC [000100] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   02-032467 [JP 9032467]
FILED: February 15, 1990 (19900215)
JOURNAL: Section: E, Section No. 1156, Vol. 16, No. 22, Pg. 87,
                January 20, 1992 (19920120)

                            ABSTRACT
... the unit by replying automatically an incoming call from a public
telephone line and implementing **digital** **data** **communication** only when
a digital **communication** requests from a caller equipment exists after the
reply...

...CONSTITUTION: A personal **computer** 20 is provided with a telephone set

function, a **facsimile** **communication** function and a **digital** **data** **communication** function. Upon the receipt of an incoming call from a public telephone line network 50...

...arrival of the call to the CPU 6. After the reply, whether or not a **digital** **data** **communication** request exists from a caller equipment is discriminated, and when the request is discriminated, the **digital** **data** **communication** function is used to make **digital** **data** **communication** . Thus, a caller instructs and selects succeeding operation of the called party equipment and executes...

23/3,K/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03043557   **Image available**
TELEPHONE SET

PUB. NO.:   02-019057 [JP 2019057 A]
PUBLISHED: January 23, 1990 (19900123)
INVENTOR(s):   NEMOTO JIYUNGO
APPLICANT(s):   NEC OFF SYST LTD [486651] (A Japanese Company or Corporation)
                , JP (Japan)
APPL. NO.:   63-169855 [JP 88169855]
FILED: July 06, 1988 (19880706)
JOURNAL: Section: E, Section No. 910, Vol. 14, No. 163, Pg. 36, March
                29, 1990 (19900329)

                              ABSTRACT
PURPOSE: To **send** information to a **digital** **data** **receiver** in voice by converting voice information spoken via a **transmitter** into a **digital** **signal** and outputting a character code...

... When a talking party is a terminal equipment receiving a character code such as a **facsimile** equipment 13 or a personal **computer** 14, a changeover section 6 is switched. Thus, voice from the transmitter 2 is converted...

... a demodulator and outputted as a character. Thus, even if the talking party is a **digital** **data** **receiver** able to **receive** character codes, the information is sent in voice.

23/3,K/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02305872   **Image available**
DIGITAL IMAGE FORMING DEVICE

PUB. NO.:   62-222772 [JP 62222772 A]
PUBLISHED: September 30, 1987 (19870930)
INVENTOR(s):   MORITA SHIZUO
                ITO KUNIO
                MATSUO SHUNJI
                FUKUCHI MASAKAZU
                SHOJI HISAFUMI
APPLICANT(s):   KONISHIROKU PHOTO IND CO LTD [000127] (A Japanese Company or
                Corporation), JP (Japan)

APPL. NO.:   61-066631 [JP 8666631]
FILED: March 24, 1986 (19860324)
JOURNAL: Section: E, Section No. 592, Vol. 12, No. 89, Pg. 60, March
                23, 1988 (19880323)

ABSTRACT
... the original image as a normal variable density image. The signal
processing part switches the **digital signal** and can **transmit** the
original image as an image in which the variable density is inverted.
Further, by...

... to the signal processing part, the picture signal from external
equipments such as a personal **computer** , a **facsimile** can be fetched, and
the normal and the reverse images of more original images can...

23/3,K/5   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010213777   **Image available**
WPI Acc No: 1995-115031/199515
Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
  2003-056761
XRPX Acc No: N95-090795
  **Multi-function machine combining and routing image data - includes units
  such as digital copier for scanning image data, printer forming hard copy
  of image data from computer , and facsimile receiving and transmitting
  facsimile data**
Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)
Inventor: MOTOYAMA T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5396345	A	19950307	US 91811463	A	19911219	199515	B

Priority Applications (No Type Date): US 91811463 A 19911219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5396345	A		10	H04N-001/387	

... **as digital copier for scanning image data, printer forming hard copy**
  of image data from computer , and facsimile receiving and transmitting
  facsimile data

...Abstract (Basic): The first set of digital data is merged with the
  second set of **digital data** , and a **transmitter sends** the merged
  image data to one of the merge destinations. The source of the first
  set of digital data and the second set of digital data may include a
  facsimile , a scanner, storage device or a host **computer** . The
  multi-function machine has user selectable destinations including a
  printer, a **facsimile** processor, storage device, or a host **computer**
  interface processor....

23/3,K/6   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010035842   **Image available**
WPI Acc No: 1994-303553/199438

XRPX Acc No: N94-238659
  Communication network data transmission converter - converts data being
  transmitted between digital signal communication network and
  analog signal terminal device in correct format
Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)
Inventor: METZEN H; TIX M
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438	B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531	

Priority Applications (No Type Date): DE 4309072 A 19930320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4309072	A1		4	H04L-029/06	
DE 4309072	C2		4	H04L-029/06	

  ... **converts data being** transmitted **between** digital signal
  communication **network and analog signal terminal device in correct**
  format

  ...Abstract (Basic): The device (9) is connected between a **communication**
    network (8) which **transmits digital signals** and a terminal device
    (1,11,15) for text and/or graphics which processes analog signals or an
    analog data communication **network** . The **terminal** device (1,11,15)
    may be, e.g., a **facsimile** machine...
  ...Abstract (Equivalent): The converting device (9) is designed to fit
    between a **communications** network (8) **transmitting digital**
    signals and terminal equipment (1, 11, 15) processing analogue signals
    ...

  23/3,K/7   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009230202   **Image available**
WPI Acc No: 1992-357622/199244
XRPX Acc No: N92-272591
  World trade hybrid communication system for public utilities - uses land
  lines to post offices or satellite communication route to transmit
  tenders to specific overseas destination from master computer,
  communication controllable from local post office user using telephone or
  smart cards
Patent Assignee: HANSBY C R J (HANS-I)
Inventor: HANSBY C R J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
AU 9211199	A	19920903	AU 9211199	A	19920225	199244	B

Priority Applications (No Type Date): AU 914821 A 19910227
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9211199	A		25	H04L-012/00	

  ...Abstract (Basic): for securing parts, services and products and
    international and domestic enquiries. Other items include telephones,
    fax , **PC** 's, printers, monitors, cameras for conference and system

instruction...

...cable sends signals between the respective system components. Proof
    mounted satellite dish and electric powered **transmitter** despatch
    digital **signals** where the user location is remote or where
    audio-video is operatively connected to PC and monitor. A
    communication **digital** **signal** cable is linked to the local site and
    a fibre optic coaxial cable transmits voice...

   23/3,K/8   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007580930
WPI Acc No: 1988-214862/198831
XRPX Acc No: N88-163896
   **Facsimile system for machines with different coding algorithms - decodes
   received picture data, encodes by other algorithm and sends to store and
   forward switching network**
Patent Assignee: HITACHI LTD (HITA)
Inventor: KANAI H
Number of Countries: 003   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2200510	A	19880803	GB 8728624	A	19871208	198831	B
JP 63146558	A	19880618				198831	
US 4970603	A	19901113	US 88243958	A	19880914	199048	
GB 2200510	B	19910130				199105	

Priority Applications (No Type Date): JP 86293056 A 19861209
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2200510	A		32		

...Abstract (Basic): directly connected to a store and forward switching
    network (1) and the other type of **facsimile** machine (6) is connected
    to the store and forward switching **network** through a **facsimile**
    terminal controller (4). When the **facsimile** terminal controller
    receives the picture data from the other type of facsimile machine, it
    decodes...
...Abstract (Equivalent): reproducing the video signal recorded on a disc.
    An audio reproducing system is connected to **receive** the recorded
    digital **data** representing an audio signal, and converts the
    received **digital** **data** to an audio signal. A digital processing
    circuit is also connected to **receive** the recorded **digital** **data**
    representing an audio signal and converts the **received** **digital**
    data into a video signal. A video-converted digital audio signal is
    thus output and the...

   23/3,K/9   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

004320943
WPI Acc No: 1985-147821/198525
XRPX Acc No: N85-111534
   Digital   signal   transmission **system - transmits signals of up to
   four different modes over unused TV channel in existing CATV transmission
   line**

Patent Assignee: SONY CORP (SONY)
Inventor: FUJITA E; HIDESHIMA Y; TOYOSHIMA M
Number of Countries: 008 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 144801	A	19850619	EP 84113563	A	19841109	198525	B
AU 8435174	A	19850530				198529	
JP 60103748	A	19850608	JP 83210353	A	19831109	198529	
US 4684981	A	19870804	US 84669376	A	19841108	198733	
CA 1248624	A	19890110				198907	
CA 1258520	A	19890815				198941	
CA 1258521	A	19890815				198941	
EP 144801	B	19911113				199146	
DE 3485264	G	19911219				199201	

Priority Applications (No Type Date): JP 83210353 A 19831109
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 144801	A	E	43		

   Designated States (Regional): DE FR GB NL

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 144801	B				

   Designated States (Regional): DE FR GB NL

   Digital   signal   transmission   **system...**

...Abstract (Basic): USE/ADVANTAGE - For **transmitting   digital   signal**
derived from e.g. analog stereo signal, announcement signal, **facsimile**
data signal or **computer** game program on CATV line. Large number of
terminals may be addressed without needing special...
...Abstract (Equivalent): The **digital   signal   transmitting** system
includes a circuit generating digital word signals in a mode in which
eacy of...

...USE - **Facsimile** and **computer** signals. (17pp)u

 23/3,K/10   **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

003264501
WPI Acc No: 1982-B4059J/198251
   Digital   data   transmission **device - is capable of correcting error**
 in facsimile **equipment or** computer **system**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 57185744	A	19821116				198251	B

Priority Applications (No Type Date): JP 8169297 A 19810511
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 57185744	A		9		

   Digital   data   transmission **device...**

...**is capable of correcting error in** facsimile **equipment or** computer
system

30/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04839024   **Image available**
FACSIMILE EQUIPMENT

PUB. NO.:   07-131624 [JP 7131624 A]
PUBLISHED: May 19, 1995 (19950519)
INVENTOR(s):   TAKAMOTO KOICHI
               HONDA TOYOTA
               HOSODA MASAHITO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   05-273675 [JP 93273675]
FILED: November 01, 1993 (19931101)

                        ABSTRACT
... CED signal or an NSF.CSI.DIS frame signal is transmitted from an
opposite side **facsimile** equipment through a **MODEM** 107 **within** fixed
time or not. When those signals are transmitted within the fixed time, the
polling...

30/3,K/2   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010734406   **Image available**
WPI Acc No: 1996-231361/199624
XRPX Acc No: N96-194138
  **Design for fax modem - includes memory and is intended for supplying
  computing equipment, while memory stores data and informatin received
  when computer is switched off**
Patent Assignee: ABSTRON INSTR GMBH (ABST-N)
Inventor: HECKLAU M; KURCH R; PREISS J
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 4439195   A1   19960509   DE 4439195   A   19941103   199624   B

Priority Applications (No Type Date): DE 4439195 A 19941103
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
DE 4439195   A1   4 H04N-001/21

...Abstract (Basic): connected by the lead (12) and the RS232 interface
    with the computer (2), while an **internal**   **modem** (8) couples the **fax**
    - **modem** to the telephone line (13...

30/3,K/3   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009595356   **Image available**
WPI Acc No: 1993-288902/199337
XRPX Acc No: N93-222253
  Automatically interruptable data communication system - suspending data

transfer when incoming call detected, re-establishing link when call
terminated
Patent Assignee: SOFTSCRIBE CORP (SOFT-N)
Inventor: RODMAN W; WIERZBICA T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2084011	A	19930622	CA 2084011	A	19921127	199337	B

Priority Applications (No Type Date): US 91806586 A 19911221
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2084011	A		70	H04M-011/06	

...Abstract (Basic): 18). Each telephone is connected to a data
communication device (28,40) e.g. a **facsimile** via a **modem** (20,32).
The communication package **within** the device is used to establish and
control data transfer between itself and another similar...
?

010035842   **Image available**
WPI Acc No: 1994-303553/199438
XRPX Acc No: N94-238659
  **Communication network data transmission converter - converts data being
  transmitted between digital signal communication network and
  analog signal terminal device in correct format**
Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)
Inventor: METZEN H; TIX M
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438	B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531	

Priority Applications (No Type Date): DE 4309072 A 19930320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4309072	A1		4	H04L-029/06	
DE 4309072	C2		4	H04L-029/06	

... **converts data being** transmitted **between** digital signal
  communication **network and analog signal terminal device in correct
  format**

...Abstract (Basic): The device (9) is connected between a **communication**
  network (8) which **transmits digital signals** and a terminal device
  (1,11,15) for text and/or graphics which processes analog signals or an
  analog data communication **network** . The **terminal** device (1,11,15)
  may be, e.g., a **facsimile** machine...
...Abstract (Equivalent): The converting device (9) is designed to fit
  between a **communications** network (8) **transmitting digital
  signals** and terminal equipment (1, 11, 15) processing analogue signals
  ...

05156237   **Image available**
SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING** METHOD FOR SECURE **DIGITAL** **DATA**

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING** METHOD FOR SECURE **DIGITAL** **DATA**

ABSTRACT

PURPOSE: To make a secure communication from a personal **computer** (**PC**) to a secure **facsimile** (**FAX**) equipment through a secure **facsimile** network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204 using standard **FAX** software, a synchronous digital data interface 210 which connects the **PC** 100 to the SFN 204, a secure **FAX** protocol stack 212 which temporarily stores sequential data for **transmission** and reception through the synchronous **digital** **data** interface 210, and a protocol selector 214 which determines a protocol mode for transfer from...

23/3,K/5   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010213777.   **Image available**
WPI Acc No: 1995-115031/199515
Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
  2003-056761
XRPX Acc No.: N95-090795
  Multi-function machine combining and routing image data - includes units
  such as digital copier for scanning image data, printer forming hard copy
  of image data from computer , and facsimile receiving and transmitting
  \ facsimile data
Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)
Inventor: MOTOYAMA T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5396345	A	19950307	US 91811463	A	19911219	199515	B

Priority Applications (No Type Date): US 91811463 A 19911219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5396345	A		10	H04N-001/387	

... as digital copier for scanning image data, printer forming hard copy
  of image data from computer , and facsimile receiving and transmitting
   facsimile data

...Abstract (Basic): The first set of digital data is merged with the
    second set of digital   data , and a transmitter   sends the merged
    image data to one of the merge destinations. The source of the first
    set of digital data and the second set of digital data may include a
    facsimile , a scanner, storage device or a host computer . The
    multi-function machine has user selectable destinations including a
    printer, a facsimile processor, storage device, or a host computer
    interface processor....

File 344:Chinese Patents Abs Aug 1985-2003/Nov
          (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
          (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200382
          (c) 2003 Thomson Derwent
? ds

Set	Items	Description
S1	232407	FACSIMILE OR FAX
S2	736056	PC OR COMPUTER OR WORKSTATION OR WORK()STATION OR DESKTOP - OR LAPTOP OR (TERMINAL OR NODE)(3N)NETWORK
S3	475257	PASSIVE OR DIRECT OR DEVOT? OR DEDICAT? OR COMMIT? OR STRA-IGHT
S4	109174	DIGITAL()(DATA OR SIGNAL? ?)
S5	1661	DIGITAL()INTERFACE
S6	576	S1 AND S2 AND S3
S7	0	S6 AND S5
S8	20	S6 AND S4
S9	20	IDPAT (sorted in duplicate/non-duplicate order)
S10	20	IDPAT (primary/non-duplicate records only)
S11	15	S10 NOT PD=19960624:20000624
S12	11	S11 NOT PD=20000624:20031224
S13	4	S1(5N)S5
S14	0	S13 AND S2
S15	3280195	LINK OR LINKS OR LINKED OR CONNECTED OR JOIN OR JOINS OR J-OINED OR COUPLED
S16	16610	S15(5N)S3
S17	8411	S1(10N)S2
S18	8	S16 AND S17
S19	4457984	TRANSMI? OR SEND OR SENDS OR SENDING OR DELIVER? OR COMMUN? OR ACCESS? OR RECEIV? OR RELAY? OR FORWARD
S20	22770	S19(5N)S4
S21	52	S17 AND S20
S22	32	S21 NOT PD=19960624:20000624
S23	10	S22 NOT PD=20000624:20031224
S24	0	S23 AND S18
S25	386	(MODEM OR MODULATOR()DEMODULATOR)(5N)(INTERNAL? OR INSIDE - OR WITHIN OR WITH()IN)
S26	15	S25(5N)S1
S27	15	S26 NOT (S12 OR S13 OR S18 OR S23)
S28	15	IDPAT (sorted in duplicate/non-duplicate order)
S29	5	S28 NOT PD=19960624:20000624
S30	3	S29 NOT PD=20000624:20031224

010035842   **Image available**
WPI Acc No: 1994-303553/199438
XRPX Acc No: N94-238659
  Communication network data transmission converter - converts data being
  transmitted between digital signal communication network and
  analog signal terminal device in correct format
Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)
Inventor: METZEN H; TIX M
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438	B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531	

Priority Applications (No Type Date): DE 4309072 A 19930320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4309072	A1		4	H04L-029/06	
DE 4309072	C2		4	H04L-029/06	

... converts data being transmitted between digital signal
 communication network and analog signal terminal device in correct
 format

...Abstract (Basic): The device (9) is connected between a communication
   network (8) which transmits digital signals and a terminal device
   (1,11,15) for text and/or graphics which processes analog signals or an
   analog data communication network . The terminal device (1,11,15)
   may be, e.g., a facsimile machine...
...Abstract (Equivalent): The converting device (9) is designed to fit
   between a communications network (8) transmitting digital
   signals and terminal equipment (1, 11, 15) processing analogue signals
   ...

23/3,K/5   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010213777.   **Image available**
WPI Acc No: 1995-115031/199515
Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
  2003-056761
XRPX Acc No: N95-090795
  Multi-function machine combining and routing image data - includes units
  such as digital copier for scanning image data, printer forming hard copy
  of image data from computer , and facsimile receiving and transmitting
  \ facsimile data
Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)
Inventor: MOTOYAMA T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5396345	A	19950307	US 91811463	A	19911219	199515	B

Priority Applications (No Type Date): US 91811463 A 19911219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5396345	A		10	H04N-001/387	

... as digital copier for scanning image data, printer forming hard copy
  of image data from computer , and facsimile receiving and transmitting
    facsimile data

...Abstract (Basic): The first set of digital data is merged with the
    second set of digital   data , and a transmitter   sends the merged
    image data to one of the merge destinations. The source of the first
    set of digital data and the second set of digital data may include a
    facsimile , a scanner, storage device or a host computer . The
    multi-function machine has user selectable destinations including a
    printer, a facsimile processor, storage device, or a host computer
    interface processor...

010057575   **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474
  Connecting portable personal computer **and** facsimile **appts. to provide
    direct** communication **link   - using** PC **to generate network
    hand-shaking procedures for making** connection **with** facsimile
Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)
Inventor: SIMON W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 4312136   A1   19941020 DE 4312136   A   19930414 199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414
Patent Details:
Patent No Kind Lan Pg Main IPC   Filing Notes
DE 4312136   A1   4 G06F-003/12

  Connecting portable personal computer **and** facsimile **appts. to provide
    direct** communication **link   - ...**
...**using** PC **to generate network hand-shaking procedures for making
  connection with** facsimile

...Abstract (Basic): A communication link is established between a personal
   computer and a **facsimile** copier without involving additional
   network considerations. The **PC** system has built-in network specific
   hardware and software procedures that allow a direct connection...

...The system also allows a direct connection between a **PC** and a copier
   without involving the communication network. The **FAX** copier can serve
   as a printer for lap-top computers...

...USE/ADVANTAGE - Provides **direct   link** between lap-top personal
   computer and **facsimile** copier to be used as printer....

010057575   **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474
   Connecting portable personal computer and facsimile appts. to provide
    direct communication link - using PC to generate network
   hand-shaking procedures for making connection with facsimile
Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)
Inventor: SIMON W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 4312136   A1   19941020   DE 4312136   A   19930414   199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
DE 4312136   A1   4 G06F-003/12

Abstract (Basic): DE 4312136 A
       A communication link is established between a personal computer
    and a facsimile copier without involving additional network
    considerations. The PC system has built-in network specific hardware
    and software procedures that allow a direct connection to be
    established with the copier.
       The system also allows a direct connection between a PC and a
    copier without involving the communication network. The FAX copier
    can serve as a printer for lap-top computers.
       USE/ADVANTAGE - Provides direct   link between lap-top personal
    computer and facsimile copier to be used as printer.
       Dwg.3/3
Title Terms: CONNECT; PORTABLE; PERSON; COMPUTER; FACSIMILE; APPARATUS;
  DIRECT; COMMUNICATE; LINK; GENERATE; NETWORK; HAND; SHAKE; PROCEDURE;
  CONNECT; FACSIMILE
Derwent Class: T01; W02
International Patent Class (Main): G06F-003/12
File Segment: EPI
Manual Codes (EPI/S-X): T01-C03; T01-C05A; T01-M06A1; W02-J02B; W02-J09

23/3,K/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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05156237   **Image available**
SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING** METHOD FOR SECURE **DIGITAL** **DATA**

PUB. NO.:   08-111737 [JP 8111737 A]
PUBLISHED: April 30, 1996 (19960430)
INVENTOR(s):   JIEIMUSU ESU HAI
                KUMAA ENU KUMARAPAN
APPLICANT(s):   RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   07-219361 [JP 95219361]
FILED: August 29, 1995 (19950829)
PRIORITY: 7-319,156 [US 319156-1994], US (United States of America),
                October 06, 1994 (19941006)

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS **TRANSMITTING** AND **RECEIVING** METHOD FOR SECURE **DIGITAL** **DATA**

                          ABSTRACT
PURPOSE: To make a secure communication from a personal **computer** (**PC**) to a secure **facsimile** (**FAX**) equipment through a secure **facsimile** network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204 using standard **FAX** software, a synchronous digital data interface 210 which connects the **PC** 100 to the SFN 204, a secure **FAX** protocol stack 212 which temporarily stores sequential data for **transmission** and reception through the synchronous **digital** **data** interface 210, and a protocol selector 214 which determines a protocol mode for transfer from...

010057575   **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474
   Connecting portable personal computer and facsimile appts. to provide
   direct communication link - using PC to generate network
   hand-shaking procedures for making connection with facsimile
Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)
Inventor: SIMON W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 4312136   A1   19941020   DE 4312136   A   19930414   199441   B

Priority Applications (No Type Date): DE 4312136 A 19930414
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
DE 4312136   A1   4 G06F-003/12

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   and a facsimile copier without involving additional network
   considerations. The PC system has built-in network specific hardware
   and software procedures that allow a direct connection to be
   established with the copier.
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   computer and facsimile copier to be used as printer.
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Title Terms: CONNECT; PORTABLE; PERSON; COMPUTER; FACSIMILE; APPARATUS;
   DIRECT; COMMUNICATE; LINK; GENERATE; NETWORK; HAND; SHAKE; PROCEDURE;
   CONNECT; FACSIMILE
Derwent Class: T01; W02
International Patent Class (Main): G06F-003/12
File Segment: EPI
Manual Codes (EPI/S-X): T01-C03; T01-C05A; T01-M06A1; W02-J02B; W02-J09

010057575   **Image available**
WPI Acc No: 1994-325286/199441
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  Connecting portable personal computer and facsimile appts. to provide
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Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4312136	A1	19941020	DE 4312136	A	19930414	199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4312136	A1		4	G06F-003/12	

  Connecting portable personal computer and facsimile appts. to provide
   direct communication link - ...
...using PC to generate network hand-shaking procedures for making
  connection with facsimile

...Abstract (Basic): A communication link is established between a personal
    computer and a facsimile copier without involving additional
    network considerations. The PC system has built-in network specific
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